

STARBURST brilliant crown

By Henk Prins Sept 2014

Based on the Original "Starburst" by Glenn Klein

Angles for R.I. = 2.160

76 + 15 girdles = 91 facets

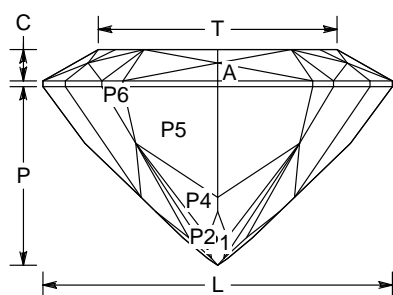
5-fold, mirror-image symmetry

80 index

$L/W = 1.028$ $T/W = 0.702$ $U/W = 0.685$

$P/W = 0.526$ $C/W = 0.092$

$Vol./W^3 = 0.220$



PAVILION

P1	39.50°	80-16-32-48-64	Cut to centrepoint
P2	41.70°	07-09-23-25-39-41-55-57-71-73	Cut short of culet
P3	90.00°	01-15-17-31-33-47-49-63-65-79	Cut to size
P4	43.85°	04-12-20-28-36-44-52-60-68-76	Cut ECED first facet to meet P1 at girdle, then P4-P3-P3
P5	54.35°	01-15-17-31-33-47-49-63-65-79	Meet P2-P2-P4
P6	54.99°	08-24-40-56-72	meet P2-P4-P5
P7	90.00°	08-24-40-56-72	meet P5-P6, level girdle

CROWN

A	37.00°	01-15-17-31-33-47-49-63-65-79	Level the girdle all around
B	30.00°	02-14-18-30-34-46-50-62-66-78	Cut to meet at girdle
C	24.55°	01-15-17-31-33-47-49-63-65-79	Meet B-A-B
D	30.02°	08-24-40-56-72	Meet girdle and C-B
T	0.00°	Table	Meet A-B-C

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